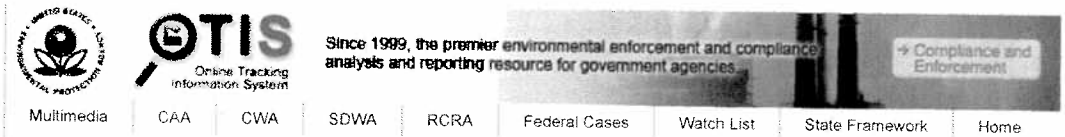

Detailed Facility Report

Map | Report Error | Data Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 08/06/2013
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110000353466	INTERNATIONAL PAPER GEORGETOWN MILL	700 S. KAMINSKI ST.	GEORGETOWN	SC	29440
CAA	RMP	100000051686					
TSCA	TSCA	100600769					
CAA	AFS	4504300002	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	SC	29440
CAA	AFS	4504300044	INTERNATIONAL PAPER CONTAINER DIVISION	1480 INTERNATIONAL DR	GEORGETOWN	SC	29440
CAA	GGR	1007912	International Paper - Georgetown Mill	700 S. KAMINSKI ST.	GEORGETOWN	SC	29440
CWA	ICP	SC0000868	INTERNATIONAL PAPER/GEORGETOWN	700 S KAMINSKI ST	GEORGETOWN	SC	29440
CAA	NEI	NEI41313	INTERNATIONAL PAPER:CONTAINER			SC	29440
CAA	NEI	NEI41314	INTERNATIONAL PAPER GEORGETOWN MILL			SC	29440
RCRA	RCR	SCD000828996	INTERNATIONAL PAPER COMPANY	700 S KAMINSKI ST	GEORGETOWN	SC	29440
RCRA	RCR	SCD000829002	INTERNATIONAL PAPER CONTAINER	HWY 17 SOUTH & KAMINSKI STREET	GEORGETOWN	SC	29440
EP313	TRI	29442NTRNTKAMIN	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	SC	29440

Facility Characteristics

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000353466					LRT: 33.364166 , -79.303279	No		
CAA	4504300002	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP , NSPS			NA	2611 2621	322121
CAA	4504300044	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP			NA	2653	322211
CAA	1007912	Direct emitter	2011 reporter	Industry type(s): Pulp and Paper Manufacturing, Stationary Combustion, Industrial Waste Landfills		33.3641, -79.3032	NA		322121
CWA	SC0000868	Major: NPDES Individual Permit	Effective		05/31/2016	33.367222, -79.310000	No	2631	
RCRA	SCD000828996	SQG	Active (H)				No		11112
RCRA	SCD000829002	CESQG	Active (H)				No		
EP313	29442NTRNTKAMIN					33.3633 , -79.2991	NA	2611 2621	322110 322130

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

Data Dictionary

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	4504300002	4	08/02/2012	4	$384,000
CAA	4504300044	3	08/24/2011	0	$00
CWA	SC0000868	4	09/02/2010	0	$00
RCRA	SCD000828996	1	02/24/2009	0	$00
RCRA	SCD000829002	0	09/19/1995	0	$00

Compliance Monitoring History (05 years)

Data Dictionary

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/24/2008	
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	02/25/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/06/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/05/2008	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/05/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=NO
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/04/2009	Result=IN COMPLIANCE
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/11/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/08/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/06/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/05/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/06/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/24/2009	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/21/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/04/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/26/2010	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/03/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/20/2010	

CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/05/2010	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/04/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/10/2010	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST FAILED ; Pollutant=VOC
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/08/2011	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/03/2011	
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/27/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/03/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/05/2011	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	04/27/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/28/2011	
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/07/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/03/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/21/2011	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/19/2012	
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	10/19/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/02/2011	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/15/2012	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/15/2012	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/09/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	08/02/2012	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/01/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/07/2012	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/12/2012	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/13/2012	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/25/2013	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=NOX
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=TS
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/01/2013	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	01/25/2013	Result=STACK TEST PASSED
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	10/22/2008	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	11/05/2008	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	11/19/2008	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	12/02/2009	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/12/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/17/2010	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2011	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/16/2011	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	08/24/2011	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	12/13/2012	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/07/2012	Result=IN COMPLIANCE
EPCRA / §313	2600053539	ICIS	Late/Non Reporter	EPA	09/07/2011	
CAA / §112 R 7	2600060370	ICIS	Evaluation	EPA	09/07/2011	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Base Program	State	09/16/2009	
CWA	SC0000868	ICP	Biomonitoring (CBI),Sampling (SA1),Evaluation (CEI); NPDES - Base Program	State	03/17/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/01/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/02/2010	
RCRA	SCD000828996	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	02/24/2009	No Violations Or Compliance Issues Were Found

Entries in *italics* are not considered inspections in official counts.

Compliance Summary Data

Information on the nature of alleged violations is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
CAA	4504300002	NO		06/22/2013	5
CAA	4504300044	NO		06/22/2013	
CWA	SC0000868	NO		Jan-Mar13	1
RCRA	SCD000828996	No		06/19/2013	0
RCRA	SCD000829002	No		06/19/2013	0

Three Year Compliance Status by Quarter

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of alleged violations is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

	AIR Compliance Status											
Statute:Source ID CAA: 4504300002	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
HPV History	Addrs-State		Unaddr-State	Unaddr-State	Unaddr-State	Unaddr-State						
Program/Pollutant in Current Violation												
MACT (SECTION 63 NESHAPS)	V-NO SCH											
TITLE V PERMITS	S-MSched											
SIP			V-NO SCH	V-NO SCH	V-NO SCH	V-NO SCH						
NSPS												

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

	AIR Compliance Status											
Statute:Source ID CAA: 4504300044	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
HPV History												
Program/Pollutant in Current Violation												
MACT (SECTION 63 NESHAPS)												
TITLE V PERMITS												

SIP												

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

CWA/NPDES Compliance Status												
Statute:Source ID CWA:SC0000868	QTR1 Apr-Jun10	QTR2 Jul-Sep10	QTR3 Oct-Dec10	QTR4 Jan-Mar11	QTR5 Apr-Jun11	QTR6 Jul-Sep11	QTR7 Oct-Dec11	QTR8 Jan-Mar12	QTR9 Apr-Jun12	QTR10 Jul-Sep12	QTR11 Oct-Dec12	QTR12 Jan-Mar13
Non-compliance in Quarter	No	No	No	Yes	No	No	No	No	No	No	No	No
SNC/RNC Status »				N(RptVio!)								

Effluent Violations by NPDES Parameter:

View effluent charts for all parameters: Only Charts with Violations | All Charts | Custom Output (or click on parameter names below for individual parameter charts)

Effluent Violations are displayed as highest percentage by which the permit limit was exceeded for the quarter.**Bold, large**print indicates Significant Non-compliance (SNC) effluent violations.**Shaded boxes** indicate unresolved SNC violations.

RCRA Compliance Status													
Statute:Source ID RCRA: SCD000828996		QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
Facility Level Status													
Type of Violation	Agency												

RCRA Compliance Status													
Statute:Source ID RCRA: SCD000829002		QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
Facility Level Status													
Type of Violation	Agency												

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	01/08/2010
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	07/21/2010
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	04/06/2011
CWA	SC-N00018871	Letter of Violation/ Warning Letter	State	10/29/2010

Formal Enforcement Actions - (05 year history)

AFS, PCS, RCRAInfo, NCDB

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	$115,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	$115,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	$77,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	$77,000	

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

Data Dictionary

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
- No data records returned.										

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

Environmental Conditions

Data Dictionary

Permit ID	Watershed	Watershed Name	Receiving Waters	Impaired Waters?	Combined Sewer System?
SC0000868	030402070012	Carolina Coastal-Sampit, N.C., S.C.	SAMPIT RIVER TO WINYAH BAY	NO	No

TRI History of Reported Chemicals Released in Pounds per Year at Site:29442NTRNTKAMIN

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
2002	2,163,221	98,032		90,210	2,351,463	293,359	2,644,822
2003	2,108,920	162,930		82,185	2,354,035	70,026	2,424,061
2004	2,146,790	182,613		70,220	2,399,623		2,399,623
2005	2,692,488	110,117		39,150	2,841,755		2,841,755
2006	2,865,871	101,479		83,106	3,050,456		3,050,456
2007	2,205,892	102,419		90,801	2,399,112		2,399,112
2008	2,030,011	100,924		97,695	2,228,630	86,304	2,314,934
2009	1,831,918	177,594		206,813	2,216,325		2,216,325
2010	1,854,722	139,588		265,991	2,260,301	58,892	2,319,193

TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

Chemical Name	2002	2003	2004	2005	2006	2007	2008	2009	2010
BARIUM COMPOUNDS	67,711	17,807	2,959	5,702	3,428	4,198	25,623	34,706	55,970
COBALT COMPOUNDS								2,403	
COPPER COMPOUNDS		4,069	2,364	1,487	2,669	2,859	7,714	4,915	7,147
LEAD COMPOUNDS			436	568	330	381	1,034	2,433	3,811
MANGANESE COMPOUNDS	330,005	158,799	97,757	70,967	108,811	115,254	176,386	174,334	259,526
MERCURY COMPOUNDS			33	32	20	18	17	7	9
NITRATE COMPOUNDS	20,285	20,082	26,874	29,121	28,801	29,061	28,631	28,492	
POLYCYCLIC AROMATIC COMPOUNDS,	511	443	550	636	550	572	569	560	593
ZINC COMPOUNDS	47,694	37,458	35,699	36,620	43,528	46,423	50,078	58,542	50,848
FORMALDEHYDE	21,868	20,382	24,693	29,962	30,198	30,166	28,133	28,843	35,595
FORMIC ACID	516	521	556	559	561	564	563	569	

METHANOL	1,500,940	1,554,140	1,586,070	2,030,898	2,053,657	1,513,300	1,410,580	1,155,691	1,085,203
CHLOROMETHANE	62,008	61,500	61,600	62,804	63,304	65,204	61,704	62,245	64,672
ACETALDEHYDE	126,807	124,875	111,081	113,628	118,173	85,345	77,184	92,407	124,550
METHYL ETHYL KETONE	23,173	23,992							
NAPHTHALENE			19,165						
PHENOL	10,200	9,990	9,664	9,876	10,032	10,343	9,851	47,502	48,714
CATECHOL	92	93	90	97	73	74	73	97	
CRESOL (MIXED ISOMERS)								32,999	34,804
LEAD	1,998	726							
MERCURY	38	28							
VANADIUM (EXCEPT WHEN CONTAINE				8,206	2,948	3,078	4,365	5,024	4,562
HYDROCHLORIC ACID (1995 AND AF	215,000	184,000	173,000	183,000	179,000	193,000	177,000	160,162	156,909
AMMONIA	99,381	99,319	135,865	139,453	298,334	183,577	146,508	139,163	208,361
SULFURIC ACID (1994 AND AFTER	95,600	88,800	98,700	105,000	94,000	103,000	98,300	173,735	166,111
CHLORINE	656	650	658	829	829	885	721	714	654
CHLORINE DIOXIDE	12,000	12,300	11,800	12,300	11,200	11,800	9,890	10,772	11,147
BENZO(G,H,I)PERYLENE	14	10	9	10	10	10	10	10	7
DIOXIN AND DIOXIN-LIKE COMPOUN	1	1	1	1	1	1	1	6	5
VANADIUM COMPOUNDS	8,325	4,077							

Demographic Profile of Surrounding Area (3 Miles)

Open more detailed information in a new window (links leave OTIS): 1 Mi 3 Mi or 5 Mi.
This section provides demographic information regarding the community surrounding the facility. OTIS compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table(LRT) when available.

Radius of Area:	**3 Miles**	**Land Area:**	**88.01%**	**Households in area:**	**4,261**
Center Latitude:	**33.367222**	**Water Area:**	**11.99%**	**Housing units in area:**	**4,816**
Center Longitude:	**-79.310000**	**Population Density:**	**453.22/sq. mi.**	**Households On Public Assistance:**	**141**
Total Persons:	**11,276**	**Percent Minority:**	**54.75%**	**Persons Below Poverty Level:**	**2,561**

Race Breakdown	Persons (%)	Age Breakdown:	Persons (%)
White:	5,146 (45.64%)	Child 5 years and less:	990 (8.78%)
African-american:	5,821 (51.62%)	Minors 17 years and younger:	3,211 (28.48%)
Hispanic-Origin:	339 (3.01%)	Adults 18 years and older:	8,067 (71.54%)
Asian/Pacific Islander:	119 (1.06%)	Seniors 65 years and older:	1,655 (14.68%)
American Indian:	(0.00%)		
Other/Multiracial:	175 (1.55%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown:	Households (%)
Less than 9th grade:	678 (10.43%)	Less than $15,000:	1,143 (26.82%)
9th-12th grades:	1,340 (20.61%)	$15,000-$25,000:	709 (16.64%)
High School Diploma:	2,226 (34.23%)	$25,000-$50,000:	1,302 (30.56%)
Some College/2-yr:	1,281 (19.70%)	$50,000-$75,000:	699 (16.40%)
B.S./B.A. or more:	978 (15.04%)	Greater than $75,000:	431 (10.11%)

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.

Map

This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 06/22/2013. RCRAInfo: 06/19/2013. FRS: 06/22/2013. TRI: 02/07/2012. ICIS: 06/21/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

Enforcement & Compliance History Online (ECHO)

Detailed Facility Report

Map | Report Error | Data Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 08/06/2013
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Gray text in this report indicates information that is not required to be reported to EPA. These data, typically regarding non-major or smaller facilities, are often incomplete.

Facility Permits and Identifiers

Data Dictionary

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110000353466	INTERNATIONAL PAPER GEORGETOWN MILL	700 S. KAMINSKI ST.	GEORGETOWN	SC	29440
TSCA	TSCA	100600769					
CAA	AFS	4504300002	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	SC	29440
CAA	AFS	4504300044	INTERNATIONAL PAPER CONTAINER DIVISION	1480 INTERNATIONAL DR	GEORGETOWN	SC	29440
CAA	GGR	1007912	International Paper - Georgetown Mill	700 S. KAMINSKI ST.	GEORGETOWN	SC	29440
CWA	ICP	SC0000868	INTERNATIONAL PAPER/GEORGETOWN	700 S KAMINSKI ST	GEORGETOWN	SC	29440
CAA	NEI	NEI41313	INTERNATIONAL PAPER:CONTAINER			SC	29440
CAA	NEI	NEI41314	INTERNATIONAL PAPER GEORGETOWN MILL			SC	29440
RCRA	RCR	SCD000828996	INTERNATIONAL PAPER COMPANY	700 S KAMINSKI ST	GEORGETOWN	SC	29440
RCRA	RCR	SCD000829002	INTERNATIONAL PAPER CONTAINER	HWY 17 SOUTH & KAMINSKI STREET	GEORGETOWN	SC	29440
EP313	TRI	29442NTRNTKAMIN	INTERNATIONAL PAPER GEORGETOWN MILL	700 S KAMINSKI ST	GEORGETOWN	SC	29440

Facility Characteristics

Data Dictionary

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000353466					LRT: 33.364166 , -79.303279	No		
CAA	4504300002	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP , NSPS			NA	2611 2621	322121

CAA	4504300044	Major (Fed. Rep.)	Operating	MACT (SECTION 63 NESHAPS), TITLE V PERMITS , SIP			NA	2653	322211
CAA	1007912	Direct emitter	2011 reporter	Industry type(s): Pulp and Paper Manufacturing, Stationary Combustion, Industrial Waste Landfills		33.3641, -79.3032	NA		322121
CWA	SC0000868	Major; NPDES Individual Permit	Effective		05/31/2016	33.367222, -79.310000	No	2631	
RCRA	SCD000828996	SQG	Active (H)				No		11112
RCRA	SCD000829002	CESQG	Active (H)				No		
EP313	29442NTRNTKAMIN					33.3633 , -79.2991	NA	2611 2621	322110 322130

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

Inspection and Enforcement Summary Data

Data Dictionary

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	4504300002	4	08/02/2012	4	$384,000
CAA	4504300044	3	08/24/2011	0	$00
CWA	SC0000868	4	09/02/2010	0	$00
RCRA	SCD000828996	1	02/24/2009	0	$00
RCRA	SCD000829002	0	09/19/1995	0	$00

Compliance Monitoring History (05 years)

Data Dictionary

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/24/2008	
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	02/25/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/06/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/05/2008	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/05/2008	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=NO
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	09/04/2008	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/04/2009	Result=IN COMPLIANCE
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/11/2009	

CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/08/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/06/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/05/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/17/2009	Result=STACK TEST PASSED ; Pollutant=CO
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/06/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/24/2009	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/21/2009	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/04/2009	Result=STACK TEST PASSED
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/26/2010	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/03/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/20/2010	
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/05/2010	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/04/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/04/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/10/2010	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/09/2010	Result=STACK TEST FAILED ; Pollutant=VOC
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/08/2011	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	05/03/2011	
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/27/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/03/2010	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/05/2011	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	04/27/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	04/28/2011	
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	07/07/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/03/2011	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	07/21/2011	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	STATE/LOCAL PCE/ON-SITE	State	06/19/2012	

CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	10/19/2011	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/02/2011	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	02/15/2012	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/02/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	02/15/2012	Result=STACK TEST PASSED ; Pollutant=PT
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	05/09/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	08/02/2012	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	08/01/2012	Result=STACK TEST PASSED
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	11/07/2012	Result=STACK TEST PASSED ; Pollutant=THAP
CAA	4504300002	AFS	STATE/LOCAL PCE/OFF-SITE	State	12/12/2012	
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	12/13/2012	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	03/25/2013	Result=IN COMPLIANCE
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=NOX
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	06/26/2012	Result=STACK TEST PASSED ; Pollutant=TS
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	03/01/2013	Result=STACK TEST PASSED ; Pollutant=SO2
CAA	4504300002	AFS	OWNER/OPERATOR-CONDUCTED SOURCE TEST	State	01/25/2013	Result=STACK TEST PASSED
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	10/22/2008	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	11/05/2008	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	11/19/2008	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	12/02/2009	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	03/12/2010	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/17/2010	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	03/10/2011	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/16/2011	Result=IN COMPLIANCE
CAA	4504300044	AFS	STATE/LOCAL CONDUCTED FCE/ON-SITE	State	08/24/2011	
CAA	4504300044	AFS	STATE/LOCAL PCE/ON-SITE	State	12/13/2012	
CAA	4504300044	AFS	TV COMPLIANCE CERTIFICATION REVIEW BY S	State	08/07/2012	Result=IN COMPLIANCE
EPCRA / §313	2600053539	ICIS	Late/Non Reporter	EPA	09/07/2011	
CAA / §112 R 7	2600060370	ICIS	Evaluation	EPA	09/07/2011	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Base Program	State	09/16/2009	

CWA	SC0000868	ICP	Biomonitoring (CBI),Sampling (SA1),Evaluation (CEI); NPDES - Base Program	State	03/17/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/01/2010	
CWA	SC0000868	ICP	Evaluation (CEI); NPDES - Sanitary Sewer Overflow (SSO)	State	09/02/2010	
RCRA	SCD000828996	RCR	COMPLIANCE EVALUATION INSPECTION ON-SITE	State	02/24/2009	No Violations Or Compliance Issues Were Found

Entries in *italics* are not considered inspections in official counts.

Compliance Summary Data

Data Dictionary

Information on the nature of alleged violations is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)
CAA	4504300002	NO		06/22/2013	5
CAA	4504300044	NO		06/22/2013	
CWA	SC0000868	NO		Jan-Mar13	1
RCRA	SCD000828996	No		06/19/2013	0
RCRA	SCD000829002	No		06/19/2013	0

Three Year Compliance Status by Quarter

Data Dictionary

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of alleged violations is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

AIR Compliance Status												
Statute:Source ID CAA: 4504300002	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
HPV History	**Addrs-State**		**Unaddr-State**	**Unaddr-State**	**Unaddr-State**	**Unaddr-State**						
Program/Pollutant in Current Violation												
MACT (SECTION 63 NESHAPS)	V-NO SCH											
TITLE V PERMITS	S-MSched											
SIP			V-NO SCH	V-NO SCH	V-NO SCH	V-NO SCH						
NSPS												

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

AIR Compliance Status												
Statute:Source ID CAA: 4504300044	QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
HPV History												
Program/Pollutant in Current Violation												
MACT (SECTION 63 NESHAPS)												

TITLE V PERMITS												
SIP												

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. V=Violation; S=Compliance Schedule.

CWA/NPDES Compliance Status

Statute:Source ID CWA:SC0000868	QTR1 Apr-Jun10	QTR2 Jul-Sep10	QTR3 Oct-Dec10	QTR4 Jan-Mar11	QTR5 Apr-Jun11	QTR6 Jul-Sep11	QTR7 Oct-Dec11	QTR8 Jan-Mar12	QTR9 Apr-Jun12	QTR10 Jul-Sep12	QTR11 Oct-Dec12	QTR12 Jan-Mar13
Non-compliance in Quarter	No	No	No	Yes	No	No	No	No	No	No	No	No
SNC/RNC Status »				N (RptViol)								

Effluent Violations by NPDES Parameter:

View effluent charts for all parameters: Only Charts with Violations | All Charts | Custom Output

(or click on parameter names below for individual parameter charts)

Effluent Violations are displayed as highest percentage by which the permit limit was exceeded for the quarter.**Bold, large**print indicates Significant Non-compliance (SNC) effluent violations.Shaded boxes indicate unresolved SNC violations.

RCRA Compliance Status

Statute:Source ID RCRA: SCD000828996		QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
Facility Level Status													
Type of Violation	Agency												

RCRA Compliance Status

Statute:Source ID RCRA: SCD000829002		QTR1 Jul-Sep10	QTR2 Oct-Dec10	QTR3 Jan-Mar11	QTR4 Apr-Jun11	QTR5 Jul-Sep11	QTR6 Oct-Dec11	QTR7 Jan-Mar12	QTR8 Apr-Jun12	QTR9 Jul-Sep12	QTR10 Oct-Dec12	QTR11 Jan-Mar13	QTR12 Apr-Jun13
Facility Level Status													
Type of Violation	Agency												

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	01/08/2010
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	07/21/2010
CAA	4504300002	STATE/LOCAL NOV ISSUED	State	04/06/2011
CWA	SC-N00018871	Letter of Violation/ Warning Letter	State	10/29/2010

Formal Enforcement Actions - (05 year history)

Data Dictionary

AFS, PCS, RCRAInfo, NCDB

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description

CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	$115,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	06/10/2010	$115,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	$77,000	
CAA	4504300002	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	State	10/11/2011	$77,000	

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS

Data Dictionary

Primary Law/Section	Case Number	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
- No data records returned.										

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

Environmental Conditions

Data Dictionary

Permit ID	Watershed	Watershed Name	Receiving Waters	Impaired Waters?	Combined Sewer System?
SC0000868	030402070012	Carolina Coastal-Sampit. N.C., S.C.	SAMPIT RIVER TO WINYAH BAY	NO	No

TRI History of Reported Chemicals Released in Pounds per Year at Site:29442NTRNTKAMIN

Data Dictionary

Chemical releases reported to TRI are provided for context and are not associated with non-compliance for that facility.

Year	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
2002	2,163,221	98,032		90,210	2,351,463	293,359	2,644,822
2003	2,108,920	162,930		82,185	2,354,035	70,026	2,424,061
2004	2,146,790	182,613		70,220	2,399,623		2,399,623
2005	2,692,488	110,117		39,150	2,841,755		2,841,755
2006	2,865,871	101,479		83,106	3,050,456		3,050,456
2007	2,205,892	102,419		90,801	2,399,112		2,399,112
2008	2,030,011	100,924		97,695	2,228,630	86,304	2,314,934
2009	1,831,918	177,594		206,813	2,216,325		2,216,325
2010	1,854,722	139,588		265,991	2,260,301	58,892	2,319,193

TRI Total Releases and Transfers by Chemical and Year

Chemical releases and transfers are in pounds except where otherwise noted.

Chemical Name	2002	2003	2004	2005	2006	2007	2008	2009	2010
BARIUM COMPOUNDS	67,711	17,807	2,959	5,702	3,428	4,198	25,623	34,706	55,970
COBALT COMPOUNDS								2,403	
COPPER COMPOUNDS		4,069	2,364	1,487	2,669	2,859	7,714	4,915	7,147
LEAD COMPOUNDS			436	568	330	381	1,034	2,433	3,811
MANGANESE COMPOUNDS	330,005	158,799	97,757	70,967	108,811	115,254	176,386	174,334	259,526

MERCURY COMPOUNDS			33	32	20	18	17	7	9
NITRATE COMPOUNDS	20,285	20,082	26,874	29,121	28,801	29,061	28,631	28,492	
POLYCYCLIC AROMATIC COMPOUNDS,	511	443	550	636	550	572	569	560	593
ZINC COMPOUNDS	47,694	37,458	35,699	36,620	43,528	46,423	50,078	58,542	50,848
FORMALDEHYDE	21,868	20,382	24,693	29,962	30,198	30,166	28,133	28,843	35,595
FORMIC ACID	516	521	556	559	561	564	563	569	
METHANOL	1,500,940	1,554,140	1,586,070	2,030,898	2,053,657	1,513,300	1,410,580	1,155,691	1,085,203
CHLOROMETHANE	62,008	61,500	61,600	62,804	63,304	65,204	61,704	62,245	64,672
ACETALDEHYDE	126,807	124,875	111,081	113,628	118,173	85,345	77,184	92,407	124,550
METHYL ETHYL KETONE	23,173	23,992							
NAPHTHALENE			19,165						
PHENOL	10,200	9,990	9,664	9,876	10,032	10,343	9,851	47,502	48,714
CATECHOL	92	93	90	97	73	74	73	97	
CRESOL (MIXED ISOMERS)								32,999	34,804
LEAD	1,998	726							
MERCURY	38	28							
VANADIUM (EXCEPT WHEN CONTAINE				8,206	2,948	3,078	4,365	5,024	4,562
HYDROCHLORIC ACID (1995 AND AF	215,000	184,000	173,000	183,000	179,000	193,000	177,000	160,162	156,909
AMMONIA	99,381	99,319	135,865	139,453	298,334	183,577	146,508	139,163	208,361
SULFURIC ACID (1994 AND AFTER	95,600	88,800	98,700	105,000	94,000	103,000	98,300	173,735	166,111
CHLORINE	656	650	658	829	829	885	721	714	654
CHLORINE DIOXIDE	12,000	12,300	11,800	12,300	11,200	11,800	9,890	10,772	11,147
BENZO(G,H,I)PERYLENE	14	10	9	10	10	10	10	10	7
DIOXIN AND DIOXIN-LIKE COMPOUN	1	1	1	1	1	1	1	6	5
VANADIUM COMPOUNDS	8,325	4,077							

Demographic Profile of Surrounding Area (3 Miles)

Data Dictionary

Open more detailed information in a new window (links leave ECHO): 1 Mi 3 Mi or 5 Mi.
This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table(LRT) when available.

Radius of Area:	**3 Miles**	**Land Area:**	**88.01%**	**Households in area:**	**4,261**
Center Latitude:	**33.367222**	**Water Area:**	**11.99%**	**Housing units in area:**	**4,816**
Center Longitude:	**-79.310000**	**Population Density:**	**453.22/sq. mi.**	**Households On Public Assistance:**	**141**
Total Persons:	**11,276**	**Percent Minority:**	**54.75%**	**Persons Below Poverty Level:**	**2,561**

Race Breakdown	Persons (%)	Age Breakdown:	Persons (%)
White:	5,146 (45.64%)	Child 5 years and less:	990 (8.78%)
African-american:	5,821 (51.62%)	Minors 17 years and younger:	3,211 (28.48%)
Hispanic-Origin:	339 (3.01%)	Adults 18 years and older:	8,067 (71.54%)
Asian/Pacific Islander:	119 (1.06%)	Seniors 65 years and older:	1,655 (14.68%)
American Indian:	(0.00%)		
Other/Multiracial:	175 (1.55%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown:	Households (%)

Less than 9th grade:	678 (10.43%)	**Less than $15,000:**	1,143 (26.82%)
9th-12th grades:	1,340 (20.61%)	**$15,000-$25,000:**	709 (16.64%)
High School Diploma:	2,226 (34.23%)	**$25,000-$50,000:**	1,302 (30.56%)
Some College/2-yr:	1,281 (19.70%)	**$50,000-$75,000:**	699 (16.40%)
B.S./B.A. or more:	978 (15.04%)	**Greater than $75,000:**	431 (10.11%)

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.

This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 06/22/2013. RCRAInfo: 06/19/2013. FRS: 06/22/2013. TRI: 02/07/2012. ICIS: 06/21/2013.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

THE STATE OF SOUTH CAROLINA
BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IN RE: INTERNATIONAL PAPER COMPANY
GEORGETOWN COUNTY

CONSENT ORDER
11-054-A

The Department of Health and Environmental Control, Bureau of Air Quality ("Department") and International Paper Company, 700 South Kaminski Street, Georgetown, South Carolina, concur that in the interest of resolving this matter without delay and expense of litigation, International Paper Company agrees to the entry of this Consent Order, but neither agrees with nor admits the Findings of Fact or the Conclusions of Law, and therefore agrees that this Order shall be deemed an admission of fact and law only as necessary for enforcement of this Order or subsequent actions by the Department pursuant to the Department's Uniform Enforcement Policy for the Office of Environmental Quality Control.

FINDINGS OF FACT

WHEREAS subsequent to a review of available information, the Department finds the following:

1. International Paper Company owns and operates an integrated Kraft pulp, bleached fine paper, and market pulp facility ("International Paper – Georgetown Mill"). Business filings at the Office of the South Carolina Secretary of State list International Paper Company as a foreign corporation registered in New York.

2. As a major source of hazardous air pollutant ("HAP"') emissions, International Paper – Georgetown Mill is subject to U.S. Environmental Protection Agency ("EPA") Regulations at 40 CFR 63, *National Emission*

Standards For Source Categories, Subpart S – *National Emissions Standards For Hazardous Air Pollutants From The Pulp And Paper Industry*, and 24A S.C. Code Ann. Regs. 61-62.63 (Supp. 2010), *National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Source Categories*, Subpart S – *National Emission Standards for Hazardous Air Pollutants From the Pulp and Paper Industry* (collectively, "Subpart S").

3. The Department issued Part 70 (Title V) Air Quality Operating Permit TV-1140-0002 ("Title V Permit") to International Paper – Georgetown Mill, effective January 1, 2002.

4. The Title V Permit authorizes International Paper – Georgetown Mill to operate, *inter alia*, Unit ID 01, power and recovery operations, including a black liquor oxidizer ("BLO") with methanol emissions controlled by a regenerative thermal oxidizer ("RTO").

5. On July 28, 2005, the Department issued Construction Permit 1140-0002-DC to International Paper – Georgetown Mill granting permission to alternatively comply with Subpart S pursuant to U.S. EPA Regulations at 40 CFR 63, *National Emission Standards For Source Categories*, Subpart E – *Approval Of State Programs And Delegation Of Federal Authorities* ("Equivalency by Permit"). Construction Permit DC required International Paper – Georgetown Mill, *inter alia*, to achieve a minimum 98% destruction removal efficiency ("DRE") of methanol emissions utilizing the RTO.

6. On April 5, 2007, the Department revised the Title V Permit to incorporate the requirements of Construction Permit 1140-0002-DC.

7. On December 9, 2010, International Paper – Georgetown Mill conducted a Department-approved source test on the RTO to re-establish monitoring limits and operational ranges after extensive repairs to the RTO. On January 12, 2011, the Department received the emissions testing report which indicated that the DRE of methanol emissions from the RTO was 96%. Upon review of the emission report, the Department determined that the RTO did not meet the minimum DRE of 98% during the December 9, 2010, source test.

8. On April 6, 2011, the Department issued a Notice of Alleged Violation and Notice of Enforcement Conference to International Paper Company based on the results of the December 9, 2010, source test.

9. On April 27, 2011, International Paper – Georgetown Mill conducted a Department-approved re-test on the RTO.

10. On May 3, 2011, the Department held an enforcement conference with International Paper Company to discuss the alleged violations. During the conference, International Paper Company attributed the violation of the permitted DRE to a malfunction of the RTO that allowed a small amount of BLO_x gases to bypass the combustion chamber. International Paper Company consulted the RTO manufacturer regarding the performance of the RTO where it was determined that the rotor was warped, thus causing the aforementioned gas leakage. Subsequently, International Paper Company ordered a new rotor which was installed prior to the April 27, 2011, re-test.

11. On May 18, 2011, the Department received the emission testing report for the April 27, 2011, re-test. The testing report indicates the DRE of methanol

emissions from the RTO was 98%. Upon review of the emission report, the Department determined that the RTO operated in compliance during the April 27, 2011, re-test.

CONCLUSIONS OF LAW

WHEREAS the Department concludes the following:

1. S.C. Code Ann. § 48-1-330 provides that any person violating any of the provisions of this chapter, or any rule or regulation, permit or permit condition, final determination or order of the Department, shall be subject to a civil penalty not to exceed ten thousand dollars per day of such violation.

2. S.C. Code Ann. § 48-1-90(a) provides that it shall be unlawful to discharge organic or inorganic matter into the environment except as in compliance with a permit issued by the Department.

3. Equivalency by Permit to Subpart S requires International Paper – Georgetown Mill, *inter alia*, to: reduce total HAP emissions by 98% or more by weight.

4. International Paper – Georgetown Mill violated U.S. EPA 40 CFR 63.443(d)(1), S.C. Code Ann. § 48-1-90(a), and 24A S.C. Code Ann. Regs. 61-62.63.443(d)(1)(Supp. 2010), in that it failed to achieve a DRE of 98% for methanol emissions from the RTO during a Department-approved source test conducted on December 9, 2010, pursuant to the limits established by Subpart S and the Title V Permit.

IT IS THEREFORE ORDERED with the consent of International Paper Company and under authority of S.C. Code Ann. § 48-1-10, *et seq.* (2008 & Supp. 2010), The Pollution Control Act, that International Paper Company shall:

1. Henceforth comply with the methanol reduction limits established in Subpart S and the Title V Permit.

2. Within thirty (30) days of the execution date of this Order, pay to the Department a civil penalty in the amount of seventy-seven thousand dollars ($77,000.00).

IT IS FURTHER ORDERED AND AGREED that this Consent Order governs only the liability to the Department for civil sanctions arising from the matters set forth herein and constitutes the entire agreement between the Department and International Paper Company with respect to the resolution and settlement of these matters. The parties are not relying upon any representations, promises, understandings or agreements except as expressly set forth within this Order.

AND IT IS SO ORDERED.

FOR THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

_____ Date: ____11 October 2011___

Robert W. King, Jr., P.E.
Deputy Commissioner
Environmental Quality Control

Date: _____

Myra C. Reece
Bureau Chief
Bureau of Air Quality

Date: _____

R. Keith Frost, Director
Air Compliance Management Division
Bureau of Air Quality

Reviewed by:

Date: _____

Attorney
Office of General Counsel

FOR INTERNATIONAL PAPER COMPANY

Date: _____

Signature

Print or type name and title

KNR

THE STATE OF SOUTH CAROLINA
BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

IN RE: INTERNATIONAL PAPER COMPANY
GEORGETOWN COUNTY

CONSENT ORDER
10-037-A

The Department of Health and Environmental Control, Bureau of Air Quality ("Department"), and International Paper Company, 700 South Kaminski Street, Georgetown, South Carolina, concur that in the interest of resolving this matter without delay and expense of litigation, International Paper Company agrees to the entry of this Consent Order, but neither agrees with nor admits the Findings of Fact or the Conclusions of Law, and therefore agrees that this Order shall be deemed an admission of fact and law only as necessary for enforcement of this Order or subsequent actions by the Department pursuant to the Department's Uniform Enforcement Policy for the Office of Environmental Quality Control.

FINDINGS OF FACT

WHEREAS subsequent to a review of available information, the Department finds the following:

1. International Paper Company owns and operates an integrated Kraft pulp, bleached fine paper, and market pulp facility ("International Paper – Georgetown Mill"). Business filings at the Office of the South Carolina Secretary of State indicate that International Paper Company is registered as a foreign corporation in good standing in New York.

2. The Department issued Part 70 (Title V) Air Quality Operating Permit TV-1140-0002 ("Title V Permit") to International Paper – Georgetown Mill, effective January 1, 2002.

3. The Title V Permit authorizes International Paper – Georgetown Mill to operate, *inter alia*, Unit ID 01, power and recovery operations, including the No. 2 Recovery Boiler. An electrostatic precipitator and a scrubber control various pollutants from the No. 2 Recovery Boiler. Carbon monoxide ("CO") emissions and total reduced sulfur ("TRS") are controlled by good combustion practices.

4. U.S. Environmental Protection Agency Regulation 40 CFR Part 52, and South Carolina Air Pollution Control Regulation 61-62.5, Standard 7, *Prevention of Significant Deterioration* ("PSD"), define a "major stationary source," *inter alia*, as a facility that has the potential to emit more than 100 tons per year ("TPY") of any pollutant subject to regulation under New Source Review, including CO and TRS. PSD also defines modifications that will result in CO and TRS emissions increases greater than 100 TPY and 10 TPY, respectively, at a major source as "significant increases."

5. International Paper – Georgetown Mill is a major stationary source for CO and TRS emissions. In 1989, International Paper – Georgetown Mill conducted construction modifications to increase the production of the No. 2 Recovery Boiler. These modifications were a major modification pursuant to PSD because they resulted in a significant increase in potential CO and TRS emissions. The modifications required International Paper – Georgetown Mill, either to accept Federally-enforceable limits to avoid the permitting requirements of PSD, or to complete a PSD review (i.e., submit a PSD application with Best Available

Control Technology analysis, install necessary emissions controls, and obtain a PSD permit).

6. International Paper – Georgetown Mill chose to accept Federally-enforceable rolling 12-month emission tonnage limits of 1,715 TPY for CO, and 52 TPY for TRS. Those limits were sufficient to keep any net emission increases below the PSD significance levels.

7. International Paper – Georgetown Mill also accepted a Federally-enforceable 12-month rolling average CO concentration limit of 450 parts per million ("ppm") on an annual average, to avoid the requirements of PSD.

8. The Title V Permit requires International Paper – Georgetown Mill, *inter alia*, to:

a. Comply with the PSD-avoidance limits for CO and TRS emissions; and

b. Record actual production rates and maintain these records on-site for a period of at least five years from the date generated. These production rates, along with Department-approved emission factors and/or control efficiencies and site specific factors, must be used to calculate 12-month rolling emissions tonnage sums for CO and TRS emissions.

9. During a meeting with the Department on September 29, 2009, International Paper – Georgetown Mill informed the Department of the results of an internal technical evaluation that was initiated by International Paper – Georgetown Mill in December 2008 after concerns arose regarding the accuracy of the emissions factor used for calculating CO emissions from the No. 2 Recovery Boiler. During the meeting, International Paper – Georgetown Mill

provided additional information to the Department regarding its previously communicated disclosure that calculations using the approved CO emission factor had been understating emission levels. According to International Paper – Georgetown Mill, the concern that the CO emission factor was in error, and causing the understating of emissions levels, was confirmed through independent stack testing of the No. 2 Recovery Boiler in December 2008 and an evaluation of CO emission levels recorded by a process control monitor that had been installed on the No. 2 Recovery Boiler for operational purposes many years ago. International Paper – Georgetown Mill asserts that in December 2008, within hours of learning that the on-going boiler emissions were higher than indicated by its emission factor calculations, it made immediate operational adjustments to the No. 2 Recovery Boiler to lower the CO emission rates to well-below compliance levels. After making the operational adjustments, International Paper – Georgetown Mill commenced a detailed technical evaluation of historical CO emissions from the No. 2 Recovery Boiler and, using approximately five years of raw continuous emission monitoring system ("CEMS") data recorded by the process control monitor, calculated revised historical CO emissions. During the meeting, International Paper – Georgetown Mill presented to the Department the results of its technical evaluation, together with the comprehensive data set, which confirmed that the No. 2 Recovery Boiler had exceeded the PSD-avoidance limits for CO.

10. The Department reviewed the raw CEMS data, and on or about October 30, 2009, determined that International Paper – Georgetown Mill exceeded the 12-month rolling sum (TPY) for CO from April 2005 through July

2009. These exceedances ranged from 3,258 TPY in April 2005 to 1,724 TPY in July 2009. International Paper – Georgetown Mill also exceeded the 12-month rolling average ppm for CO from April 2005 through June 2009. These exceedances ranged from 957 ppm in April 2005 to 462 ppm in June 2009. International Paper subsequently provided to the Department revised historical CO emissions calculations. The revised calculations produced more precise CO values but still demonstrated CO exceedances. The revised CO exceedences ranged from 3,378 TPY in April 2005 to 1,767 TPY in July 2009. International Paper – Georgetown Mill also submitted revised calculations for the 12-month rolling average ppm for CO from April 2005 through June 2009. These revised exceedances for the 12-month rolling average ppm ranged from 763 ppm in April 2005 to 489 ppm in June 2009.

11. By letter from International Paper – Georgetown Mill to the Department dated December 28, 2009, International Paper – Georgetown Mill indicated that it planned to calibrate and certify the existing CEMS to monitor CO emissions, and submitted a CO Monitoring Plan to the Department for approval.

12. On January 8, 2010, the Department issued a Notice of Alleged Violation and Notice of Enforcement Conference to International Paper – Georgetown Mill.

13. By e-mail on January 26, 2010, the Department granted International Paper – Georgetown Mill permission to use the calibrated CEMS to monitor CO emissions and approved the CO Monitoring Plan.

14. On February 1, 2010, the Department received an amended semiannual summary report of emissions from International Paper – Georgetown Mill. Based on the information contained in the report and as disclosed by International Paper

– Georgetown Mill, the Department determined that International Paper – Georgetown Mill had exceeded the 12-month rolling sum (TPY) for TRS in December 2008. The 12-month rolling sum for TRS in December 2008 was 54 TPY. International Paper – Georgetown Mill attributed the exceedance to incomplete combustion, and indicated that prior reports had not recognized the existence of the exceedance due to an incorrect air flow factor and incorrect black liquor solids data, both of which have been corrected.

15. On February 16, 2010, the Department held an enforcement conference with International Paper – Georgetown Mill to discuss the alleged violations. During the conference, International Paper Company agreed that violations had occurred. International Paper Company indicated that it had made operational adjustments on the No. 2 Recovery Boiler, including air flow volume and pressure, and performed maintenance activities, including repair of air leakage, as corrective actions to return it to compliance.

16. Based on the most up-to-date CEMS data provided by International Paper – Georgetown Mill, the 12-month rolling sum for CO measured 1,669 TPY in August 2009, the 12-month rolling average ppm for CO measured 442 ppm in July 2009, and the 12-month rolling sum for TRS in January 2009 measured 51 TPY.

17. International Paper – Georgetown Mill has indicated that it plans to request a condition in its renewed Title V Permit to use CEMS as the compliance demonstration for CO emissions.

CONCLUSIONS OF LAW

WHEREAS the Department concludes the following:

1. S.C. Code Ann. § 48-1-330 states that any person violating any of the provisions of this chapter, or any rule or regulation, permit or permit condition, final determination or order of the Department, shall be subject to a civil penalty not to exceed ten thousand dollars per day of such violation.

2. S.C. Code Ann. § 48-1-90(a) requires that any source of organic or inorganic discharge of a pollutant into the environment must comply with its Department-issued permit.

3. International Paper – Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit CO emissions to 1,715 TPY, in accordance with the PSD-avoidance limit of the Title V Permit.

4. International Paper – Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit CO emissions to 450 ppm, in accordance with the PSD-avoidance limit of the Title V Permit.

5. International Paper – Georgetown Mill violated S.C. Code Ann. § 48-1-90(a), in that it failed to limit TRS emissions to 52 TPY, in accordance with the PSD-avoidance limit of the Title V Permit.

IT IS THEREFORE ORDERED with the consent of International Paper – Georgetown Mill and under authority of S.C. Code Ann. §§ 48-1-10, *et seq.* (1976, as amended), that International Paper – Georgetown Mill shall:

1. Henceforth comply with the CO and TRS emissions limits in the Title V Permit.

2. Within fifteen (15) days of the execution date of this Order, submit to the Department revised semiannual reports for each reporting period for April 1, 2005, through December 31, 2009, to reflect updated CO emissions.

3. Within thirty (30) days of the execution date of this Order, pay to the Department a civil penalty in the amount of one hundred fifteen thousand dollars ($115,000.00).

IT IS FURTHER ORDERED AND AGREED that this Consent Order governs only International Paper – Georgetown Mill's liability to the Department for civil sanctions arising from the matters set forth herein and constitutes the entire agreement between the Department and International Paper – Georgetown Mill with respect to the resolution and settlement of the matters set forth herein. The parties are not relying upon any representations, promises, understandings or agreements except as expressly set forth within this Order.

AND IT IS SO ORDERED.

FOR THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Date: June 10, 2010

Robert W. King, Jr., P.E.
Deputy Commissioner
Environmental Quality Control

Date: _____

Myra C. Reece
Bureau Chief
Bureau of Air Quality

Date: _____

R. Keith Frost, Director
Air Compliance Management Division
Bureau of Air Quality

Reviewed by:

_____ Date: _____
Attorney
Office of General Counsel

FOR INTERNATIONAL PAPER COMPANY

_____ Date: _____
Signature

_____
Print or type name and title

_____ Date: _____
Signature

_____
Print or type name and title

BCS

INTERNATIONAL PAPER
Georgetown Mill
700 South Kaminski Street
Georgetown, SC 29440

March 26, 2012

Federal Express

Engineering Services Division, Bureau of Air Quality
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

RE: Power Boiler Fuel Optimization Project
International Paper Georgetown Mill/Georgetown County
Permit No.: TV-1140-0002

Dear Sir or Madam:

As required by the exemption letter for Fuel Optimization for Nos. 1 and No. 2 Power Boilers (approved by SC DHEC BAQ on March 7, 2012), the International Paper Georgetown Mill is submitting the Operational Flexibility – Form OF and Form A for the Power Boiler Fuel Optimization Project. Please note that facility wide emission estimates provided are based on emission rates submitted in October 29, 2008, as the current version of the International Paper Georgetown Mill potential to emit emissions are currently under review.

If you have any questions, please contact Jacque Taylor at 843/545-2290 or electronically at jacquelyn.taylor@ipaper.com.

Sincerely,

J Siembida

Jeannine M. Siembida
Mill Manager

Attachments

cc: EPA – Region 4 Air Permits Section / APTMD
Matt Maxwell, SCDHEC Regional Office
Sheryl Watkins/URS

DHEC
PROMOTE PROTECT PROSPER
South Carolina Department of Health and Environmental Control

Title V Permit Application
Facility Profile – Form A
Bureau of Air Quality

Please Refer to Instruction Pages Before Completing This Form
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

FACILITY INFORMATION

1. Company Name for Permit:	International Paper - Georgetown Mill			2. Existing State Air Permit Number:	1140-0002
3. Business Mailing Address:	700 S. Kaminski St.	4. City:	Georgetown	5. State: SC	6. Zip Code: 29440-4708
7. Plant Location (Street or Highway):	700 S. Kaminski St.	8. City:	Georgetown	9. State: SC	10. Zip Code: 29440-4708
11. County:	Georgetown	12. Primary SIC Code:	2621	13. NAICS Code:	322110
14. EPA (AIRS) Facility Identification No.:	SCD000828996	15. Latitude:	33.3622N	16. Longitude:	-79.3053W
17. Date Facility Was Built:					

CONTACT INFORMATION

RESPONSIBLE OFFICIAL AUTHORIZED REPRESENTATIVE:

18. Last:	Siembida	19. First:	Jeannine
20. Title:	Mill Manager		
21. Mailing Address Line 1:	700 S. Kaminski St.		
22. Mailing Address Line 2:			
23. City:	Georgetown	24. State: SC	25. Zip Code: 29440-4708
26. Phone No.:	(843) 546-6111 ext.	27. Fax No.:	(843) 545-2480
28. E-mail Address:	jeannine.siembida@ipaper.com		

ENVIRONMENTAL / TECHNICAL CONTACT:

29. Last:	Taylor	30. First:	Jacque
31. Title:	Mgr Environ Programs		
32. Mailing Address Line 1:	700 S. Kaminski St.		
33. Mailing Address Line 2:			
34. City:	Georgetown	35. State: SC	36. Zip Code: 29440-708
37. Phone No.:	(843) 545-2290 ext.	38. Fax No.:	(843) 545-2480
39. E-mail Address:	jacquelyn.taylor@ipaper.com		

PURPOSE OF APPLICATION

40. Facility Type: ☐ Conditional Major ☒ Title V
☐ Co-Located Facility (co-located facility if yes, name and permit # of co-located facility):

41. Permit Action: ☐ New ☐ Renewal
Modification: ☐ Administrative Amendment (Submit Form AA) ☐ Minor Modification (Submit Form MM) ☐ Significant Modification (Submit Form SM) ☒ Operational Flexibility (Submit Form OF)

42. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants? ☒ No ☐ Yes
If "Yes", Indicate Non-attainment Pollutant(s): ☐ $PM_{2.5}$ ☐ O_3 (Precursor pollutants to Ozone are NOx and VOC)

SIGNATURES

I certify, to the best of my knowledge and belief, that no applicable standards and/or regulations will be contravened or violated. I certify that any application form, report, or compliance certification submitted in this permit application is true, accurate, and complete based on information and belief formed after reasonable inquiry. I understand that any statements and/or descriptions which are found to be incorrect may result in the immediate revocation of any permit issued for this application.

Jeannine Siembida — March 26, 2012

43. Responsible Official Signature/Authorized Representative — Title/Position: Mill Manager — Date

Note* For change or addition of responsible official(s) submit Responsible Official (RO) Notification Form (see attachment E)

CONSULTING FIRM INFORMATION

44. Consulting Firm:	URS Corporation				
Preparer Name:	45. Last: Stroud			46. First:	Stephen
47. Mailing Address Line 1:	1600 Perimeter Park Drive				
48. Mailing Address Line 2:	Suite 400				
49. City:	Morrisville		50. State: NC	51. Zip Code:	27560-
52. Phone No.:	(919) 461-1243 ext.	53. Fax No.:	(919) 461-1415	54. E-mail Address:	stephen.stroud@urs.com

****INCOMPLETE APPLICATIONS WILL BE RETURNED****

DHEC
PROMOTE PROTECT PROSPER
South Carolina Department of Health and Environmental Control

Title V Permit Application
Operational Flexibility– Form OF
Part I
Bureau of Air Quality

Please Refer to Instruction / Definitions Pages Before Completing This Form

The South Carolina Department of Health and Environmental Control may modify the permit as described on this form through the procedures described in SC Regulation 61-62.70.7(e). If the facility is requesting an operational flexibility (502(b)(10)), complete Part I. If this request is in response to the operational flexibility condition in your existing permit, submit Part II of this Form. You must apply for an operational flexibility modification in writing by submitting this form along with Form A to the Department, Environmental Protection Agency, and the local Environmental Quality Control District Office. If new or modified unit(s) are placed into operation, the form must be submitted at least fifteen days prior to operation to satisfy the requirements of SC Regulation 61-62.1, Section II(B)(1). If a new construction permit was not required, the form must be submitted at least seven days in advance.

Operational Flexibility Notification

1. Modification Request Type:
☒ 502(b)(10) (Submit Part I of this Operational Flexibility Form) ☐ Permit Operational Flexibility Condition Request (Submit Part II portion of this Permit Operational Flexibility Form.)

2. Anticipated Date of Change (MM/DD/YYYY): PB01 – 03/23/2012; PB02 – 03/20/2012

3. Notification Date (MM/DD/YYYY): PB01 - 12/19/2011; PB02 – 12/19/2011

4. Existing State Construction Air Permit Number:

5. Existing Actual Emissions:

6. Change in Actual Emissions: 0 ton/yr

7. Projected Actual Emissions:

Pollutant Information

8. Permit ID	9. Equipment ID	10. List Pollutant(s) Affected by the Change	11. Allowable Emission Rate	12. Monitoring/Compliance Requirements:	13.Permit Term(s) or Condition(s) Affected by the Change
TV-1140-0002	PB01/PB02			Fuel usage	TV Condition 5E.01.07

Description of Change

14. Describe why this operational flexibility change does not exceed any allowable emission rate. Describe why this change does not violate any applicable requirements or contravene any federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting or compliance certification requirements.
The Georgetown Mill operates two identical multiple fuel-fired boilers (Nos. 1 and 2 Power Boilers) for steam production. The scope of this project is to optimize the fuel firing mix. Each Power Boiler has three (3) levels of coal burners with each level consisting of two burners. The project will remove one level of the coal burners and replace with a level of natural gas burners. Increasing the combination of natural gas and hogged fuel the boilers fire will reduce the use of coal. The project will not increase the maximum firing rate or potential emissions of either boiler and no changes are necessary to current permit conditions.

15. Describe in detail why this change does not constitute a Title I modification and provide calculations (if applicable). The Power Boilers are currently subject to NSPS Subpart D. As this project will not result in any increase in maximum hourly emissions from the boilers, this project does not constitute a modification that requires review of applicability of NSPS Subpart Db.

Mail Completed Operational Flexibility Request Form and Supporting Documents to:

Engineering Services Division, Bureau of Air Quality
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

The Environmental Protection Agency
Air Permits Section/ APTMD
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

Local District Environmental Quality Control Office

South Carolina Department of Health and Environmental Control

Title V Permit Application
Operational Flexibility-- Form OF
Part II
Bureau of Air Quality
Page 2 of 2
Permit Operational Flexibility

PURPOSE OF APPLICATION

Permit Flexibility Basis: Per section TV Condition 5E.01.07 of permit flexibility condition.

Date proposed change will occur: PB01 – 03/23/2012 PB02 – 03/20/2012

Description of proposed change: Remove one level of coal burners and replace with a level of natural gas burners.

Are emissions calculations attached? ☒ Yes ☐ No

Is process flow diagram(s) attached? ☐ Yes ☒ No

Is modeling required for this change? ☐ Yes ☒ No

If "Yes", is the proper modeling form attached? ☐ Yes ☐ No

Identify form(s):

State why this change will not be subject to regulation under 40 CFR Parts 60, 61, 63, SC Regulation 61-62.5, Standard 5.1, Standard 7, or constitute a Title I modification: The existing Nos. 1 and 2 Power Boilers are currently permitted to burn coal and natural gas. Emissions from burning natural gas are equal to or less than emissions while burning coal. NSPS Subpart Db does not apply as this project will not result in any increase in maximum hourly emissions from the boilers. The Georgetown Mill power boilers will be subject to the requirements for existing industrial boilers in 40 CFR 63, Subpart DDDDD, when promulgated. This project does not constitute reconstruction, as the cost is less than half of the replacement cost of the boilers.

What is the net increase in actual VOC emissions prior to this change? (TPY) N/A

What is the net increase in actual VOC emissions after this change? (TPY) 0

Is the source/unit currently regulated by a MACT? ☐ Yes ☒ No

If "Yes", identify the MACT and specify the current MACT requirement(s): Will be subject to the requirements for existing industrial boilers in 40 CFR 63, Subpart DDDDD, when promulgated.

Is the source/unit currently subject to any existing permit limits or requirements that may be affected/triggered by this change? ☐ Yes ☒ No

If "Yes", identify all that apply in detail: Note: No new permit limits, but with this change Standard 5.2 applies because coal burners will be replaced with natural gas burners. Per Section IV of Standard 5.2, for existing units, the replacement burners must be low-NOx technology or equivalent technology capable of achieving a 30% reduction from uncontrolled NOx emission levels. The new natural gas burners will be low-NOx burners. Per Section VI, a tune-up plan will be developed and the burners will be tuned at least every two years. The manufacturer's specifications and records of the tune-ups will be maintained onsite.

Is this a Title V Facility? ☒ Yes ☐ No

If "Yes", is the operational flexibility request attached? ☒ Yes ☐ No

Is confidential business information, as defined by the CBI rule, submitted with this application under a seperate cover? ☐ Yes ☒ No

If "Yes", is each "confidential" page marked "CONFIDENTIAL" in large red letters? ☐ Yes ☐ No

Have you attached a copy of this request to the On-Site Implementation Log? ☐ Yes ☒ No

EMISSION ESTIMATES

(Values must be entered, please do not state "see attachment")

Emission Unit (Equip ID)	Pollutants	Uncontrolled Emissions Prior to Modification		Uncontrolled Emissions After the Modification		Controlled Emissions Prior to Modification		Controlled Emissions After the Modification	
		lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
PB01/PB02	PM10		2,636		2,664		132		133
PB01/PB02	SO2		2,961		2,994		2,961		2,994
PB01/PB02	NOx		1,443		1,459		1,443		1,459
PB01/PB02	CO		1,221		1,248		1,221		1,248
PB01/PB02	VOC		30		33		30		33

Note: Emissions calculations must be attached with this form. These should include, but not be limited to, the basis used to arrive at the estimated rates, and the actual calculations. When literature values are used, please indicate where they were cited and submit a copy of the appropriate page(s) from the literature.

FACILITY WIDE EMISSION ESTIMATES

(Values must be entered, please do not state "see attachment")

Pollutants	Uncontrolled Emissions Prior to Modification		Uncontrolled Emissions After the Modification		Controlled Emissions Prior to Modification		Controlled Emissions After the Modification	
	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY	lb/hr	TPY
PM10		66,397		66,397		1,559		1,559
SO2		13,057		13,057		8,261		8,261
NOx		3,119		3,119		3,119		3,119
CO		5,787		5,787		5,787		5,787
VOC		17,006		17,006		6,346		6,346

Table 1: Baseline Actual to Projected Actual PSD Applicability Analysis

IP Georgetown Power Boiler Fuel Optimization Project

December 2011

Pollutants	Baseline Actual Emissions (TPY)	Emissions Accommodated During Baseline (TPY)	Projected Actual Emissions (TPY)	Project Related Emissions Increase (TPY)	PSD Significant Emission Rate (TPY)	Below PSD SER (Y/N)
Carbon Monoxide	1,221	1,394	1,248	0.0	100.0	Y
Nitrogen Oxides	1,443	1,613	1,459	0.0	40.0	Y
Sulfur Dioxide	2,961	3,310	2,994	0.0	40.0	Y
Particulate Matter	131.8	147.3	133.2	0.0	25.0	Y
PM-10	131.8	147.3	133.2	0.0	15.0	Y
PM-2.5	56.7	63.4	57.3	0.0	10.0	Y
Ozone (VOC)	29.5	34.6	33.4	0.0	40.0	Y
Lead	0.1	0.1	0.1	0.0	0.6	Y
Fluorides	3.6	4.9	0.8	0.0	3.0	Y
Sulfuric Acid Mist	31.0	34.9	24.2	0.0	7.0	Y
Hydrogen Sulfide	0.0	0.0	0.0	0.0	10.0	Y
Total Reduced Sulfur	0.0	0.0	0.0	0.0	10.0	Y
CO2e	908,905.9	1,020,927.4	915,621.1	0.0	75,000.0	Y

Note: Increases are shown for only those pollutants that are expected to increase. The intent of this project is not to take credit for any reductions from switching fuel fired.

International Paper Georgetown Mill, Georgetown, SC

Production Data

Power Boiler Fuels Fired	Year 1 Actuals (June 2008 - May 2009)1	Year 2 Actuals (June 2009 - May 2010)1	Average Actuals1	A or U	Capable of Accommodating Production[1]	Capable of Accommodating Production[2]	Capable of Accommodating Production[3]	Future Actual Annual Production	Permitted Max Annual Production
No.1 Power Boiler Hog Fuel Firing Rate (MMBtu)	2,543,374	2,750,058	2,646,716	M	3,245,259	2,809,823	2,535,553	3,129,943	4,445,945
No.1 Power Boiler Hog Fuel Firing Rate (tons)	285,844	308,856	297,350	M	364,472	315,589	284,766	351,521	499,320
No.1 Power Boiler Coal Firing Rate (tons)	25,349	21,587	23,468	M	21,475	30,350	16,420	3,493	102,085
No.1 Power Boiler Coal Firing Rate (MMBtu)	643,853	548,317	596,085	M	545,456	770,886	417,056	88,717	2,222,973
No.1 Power Boiler Propane Firing Rate (MMscf)	0.0	0.0	0	M	0	0	0	0	831
No.1 Power Boiler Propane Firing Rate (MMBtu)	0	0.0	0	M	0	0	0		1,586,892
No.1 Power Boiler Nat. Gas Firing Rate (MMscf)	11	38.0	25	M	13	35	17	104	831
No.1 Power Boiler Nat. Gas Firing Rate (MMBtu)	11,802	39,098	25,450	M	13,134	36,032	17,308	106,623	847,560
No.1 Power Boiler Oil Firing Rate (Mgal)	131	134	133	M	10	98	109	69	16,808
No.1 Power Boiler Oil Firing Rate (MMBtu)	19,692	20,133	19,912	M	1,464	9,891	18,383	10,705	2,592,960
No.1 Power Boiler Sludge Firing Rate (MMBtu)	35,960	44,055	40,008	M	37,774	42,732	36,894	40,008	84,254
No.1 Power Boiler TDF Firing Rate (MMBtu)	1,143,251	1,042,157	1,092,894	M	1,094,780	916,248	1,383,831	1,092,894	1,367,800
No.1 Power Boiler Maximum Overall Firing Rate (MMBtu)	4,397,911	4,443,818	4,420,865	M	4,937,867	4,585,613	4,406,805	4,488,589	5,185,920
No.2 Power Boiler Hog Fuel Firing Rate (MMBtu)	2,543,374	2,583,436	2,563,405	M	3,245,259	2,431,560	2,535,553	3,048,832	4,445,945
No.2 Power Boiler Hog Fuel Firing Rate (tons)	285,844	290,143	287,994	M	364,472	273,088	284,766	342,184	499,320
No.2 Power Boiler Coal Firing Rate (tons)	27,046	24,795	25,920	M	20,789	36,483	16,546	5,945	102,085
No.2 Power Boiler Coal Firing Rate (MMBtu)	686,957	629,787	658,372	M	526,050	926,881	422,868	151,004	2,222,973
No.2 Power Boiler Propane Firing Rate (MMscf)	0	0	0	M	0	0	0	0	831
No.2 Power Boiler Propane Firing Rate (MMBtu)	0	0	0	M	0	0	0		1,586,892
No.2 Power Boiler Nat. Gas Firing Rate (MMscf)	12	41	26	M	8	37	14	105	831
No.2 Power Boiler Nat. Gas Firing Rate (MMBtu)	11,955	41,718	26,851	M	8,544	37,532	13,909	106,024	847,560
No.2 Power Boiler Oil Firing Rate (Mgal)	183	188	175	M	38	320	172	111	16,808
No.2 Power Boiler Oil Firing Rate (MMBtu)	24,419	28,203	26,311	M	5,767	47,843	25,779	17,104	2,592,960
No.2 Power Boiler Sludge Firing Rate (MMBtu)	35,858	40,378	38,118	M	36,958	36,979	37,188	38,118	84,254
No.2 Power Boiler TDF Firing Rate (MMBtu)	1,139,020	965,012	1,052,016	M	1,059,840	792,901	1,402,452	1,052,016	1,367,800
No.2 Power Boiler Maximum Overall Firing Rate (MMBtu)	4,441,613	4,288,532	4,365,073	M	4,884,029	4,273,595	4,437,848	4,412,897	5,185,920

Reference:

1. Capable of Accomodating developed for CO, Nox, SO2, PM, PM-10, PM-2.5, VOC, Lead and CO2eq. The driving factor for these emissions is Hog Fuel fired and Total MMBtu.
2. Capable of Accomodating developed for HF and H2SO4. The driving factor for these emissions is coal combustion.
3. Capable of Accomodating developed for H2SO4. The driving factor for these emissions is TDF combustion.

Detailed Production Data - IP Georgetown Mill

Information provided by Jackson Taylor, IP GT Mill (November 2011)
PB1 and PB2 Fuel Firing Rates supplied in: TV Production Data.xlsx

Month	PB1	PB2
[illegible]	[illegible]	[illegible]
Capable of Accommodating / Max month * 12	[illegible]	[illegible]
Capable of Accommodating / Max month * 12	[illegible]	[illegible]
Capable of Accommodating / Max month * 12	[illegible]	[illegible]

1. Capable of Accommodating developed for CO, Nox, SO2, PM, PM-10, PM-2.5, VOC, Lead and CO2eq. The driving factor for these emissions is Hog Fuel fired and Total MMBtu.
2. Capable of Accommodating developed for HF. The driving factor for these emissions is Coal combustion.
3. Capable of Accommodating developed for H2SO4. The driving factor for these emissions is TDF combustion.

[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[redacted]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]